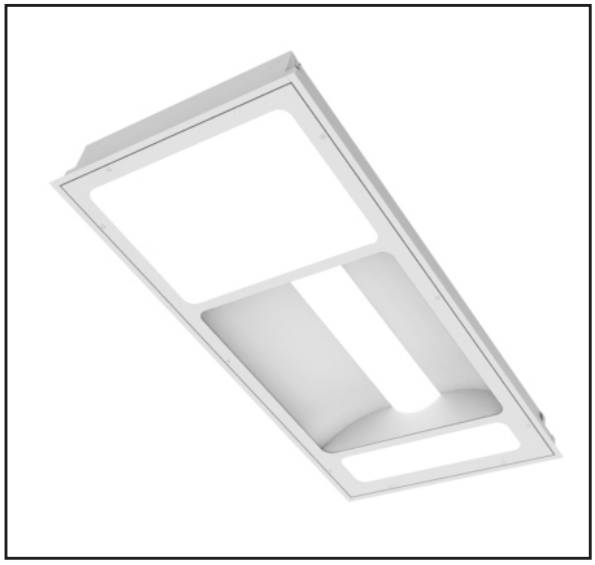
Advantage. Environmental Lighting

MEDICO

# MEE

## LED Patient Room Luminaire



STANDARD | OPTIONAL

IP65

LUTRON

### DESCRIPTION

The MEE series offers a combination of ambient, exam, and reading light for hospitals, nursing homes and other patient care facilities. The MEE is an IC-rated specification-grade luminaire designed for patient rooms. Available in 2'x2' and 2'x4' sizes. Optional low-voltage controller offer communication to patient bedside controls and wall switch controls.

### ELECTRICAL SYSTEM

Electronic driver 0-10V, 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 25°C). Complies with federal energy efficiency standards. Internal low-voltage controller available.

### OPTICAL SYSTEM

The ambient compartment shield features an extruded frosted linear prismatic acrylic lens. Exam and reading compartments feature satin acrylic lenses to provide visual comfort in the patient room. Clear polycarbonate outer available in various thicknesses.

### LISTINGS

IP65 Rated. UL and cUL listed for damp locations.
Designed and manufactured in the USA, BAA Compliant.

### MOUNTING

Universal housing allows for recessed grid or recessed flanged mounting. Swing arm brackets provided for recessed flanged applications, and can be tucked in for recessed grid applications.

### HOUSING

Seam-welded, one piece construction. Available in various gauge thickness of cold roll steel, stainless steel, and aluminum. Access plate on top of fixture provided. If additional options are needed, consult factory. White TGIC polyester powder coat finish standard. Anti-microbial white finish optional.

### DOORFRAME

Inset door frame constructed of steel, aluminum, or stainless steel. Door frame attaches to housing with stainless steel aircraft cables. Closed cell gaskets seal door frame to housing.

### LED

LEDs available in 2700K, 3000K, 4000K and 5000K with CRI > 80. Projected life is >100,000 hours at 70% lumen maintenance. (90 CRI Available)

### WARRANTY

5 - Year Limited Warranty. Complete warranty and terms located at: www.aelnow.com/warranty

| Output | Delivered Lumens | System Wattage | L70 @20C (hrs) |
|---|---|---|---|
| SL | 4650 | 33 | >100K |
| ML | 7974 | 57 | >100K |
| HL | 11150 | 80 | >100K |
| SM | 12040 | 86 | >100K |
| MM | 13016 | 93 | >100K |
| HM | 15728 | 112 | >100K |
| R1 | 1550 | 11 | >50K |
| R2 | 2250 | 16 | >50K |
| R3 | 2900 | 21 | >50K |

* Delivered Lumens shown were tested with 4000K LEDs

| Approximate Color Temperature Multiplier | |
|---|---|
| 5000K | 1.03 |
| 4000K | 1 |
| 3500K | 0.97 |
| 3000K | 0.94 |
| 2700K | 0.91 |

## ORDERING INFORMATION

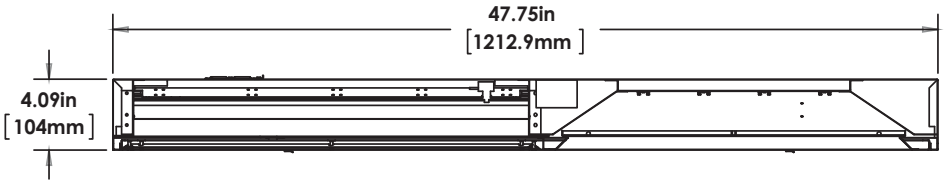
Example: MEE24-30-MM-HL-ML-B18-INS-P125-M

| SERIES | | CCT | | EXAM LEVEL | | AMBIENT LEVEL | | READING CCT | | READING LEVEL | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **MEE22** | 2x2 | **27** | 2700K | **SL** | Standard Low | **SL** | Standard Low | **Blank** | None | **Blank** | None |
| **MEE24** | 2x4 | **30** | 3000K | **ML** | Medium Low | **ML** | Medium Low | **27** | 2700K | **R1** | Reading Standard |
| | | **35** | 3500K | **HL** | High Low | **HL** | High Low | **30** | 3000K | **R2** | Reading Medium |
| | | **40** | 4000K | **SM** | Standard Medium | **SM** | Standard Medium | **35** | 3500K | **R3** | Reading High |
| | | **50** | 5000K | **MM** | Medium Medium | | | **40** | 4000K | | |
| | | | | **HM** | High Medium | | | **50** | 5000K | | |

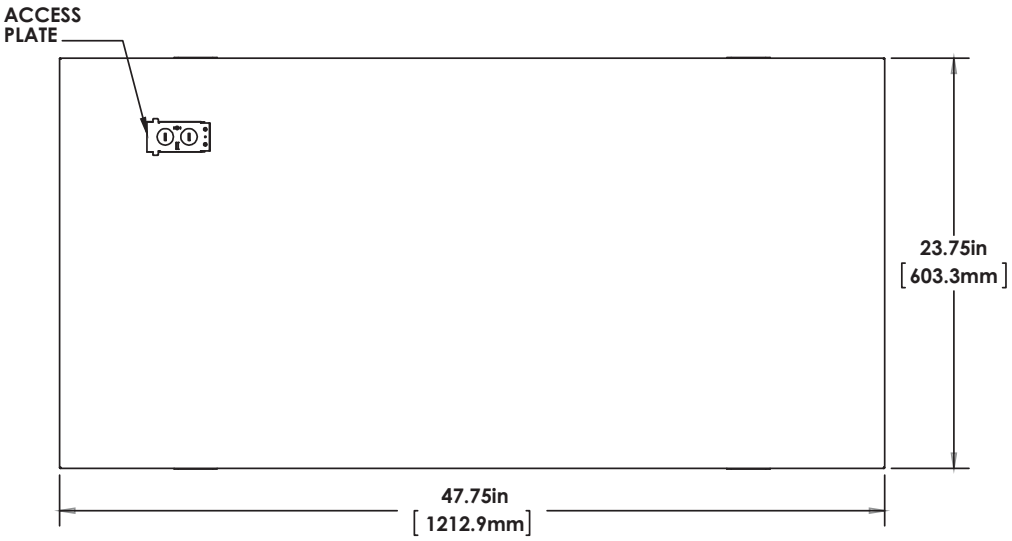
| HOUSING | | DOOR TYPE | | OUTER LENS | |
|---|---|---|---|---|---|
| **B16** | 16 Gauge Cold Rolled Steel | **B18** | Inset Door, 18 Gauge Cold Roll Steel | **125P** | .125 Clear Polycarbonate |
| **B18** | 18 Gauge Cold Rolled Steel | **ALH** | Inset Door, .063" Aluminum | **156P** | .156 Clear Polycarbonate |
| **B20** | 20 Gauge Cold Rolled Steel | **SHP18** | Inset Door, 18 Gauge Stainless Steel (Painted) | **187P** | .187 Clear Polycarbonate |
| **SH18** | 18 Gauge Stainless Steel | **SHB18** | Inset Door, 18 Gauge Stainless Steel (Brushed) | **250P** | .250 Clear Polycarbonate |
| **ALH** | .063" Aluminum | | | **375P** | .375 Clear Polycarbonate |

| VOLTAGE | | DRIVER | | OPTIONS | |
|---|---|---|---|---|---|
| **M** | Multi Volt 120/277V | **BLANK** | 0-10V Dimming Driver (included standard) | **14EBL** | 14W Emergency Battery Backup |
| | | **CD5** | 0-10V 5% to Off Dimming Driver | **90** | 90 CRI |
| | | **EDN** | Electronic Driver Non-Dimming | **AM** | Antimicrobial White Paint |
| | | **FLDD** | Fifth Light Dali, Dimming | **RF** | Radio Frequency Filter |
| | | **LDE1** | Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology | **LVC** | Low Voltage Controller with Dimming |
| | | | | **LVCWS** | Low Voltage Controller Wall Switch |
| | | **LDE5** | Lutron LDE5 5-Series Ecosystem | **NL** | Night Light (150 Lumens) |
| | | | | **TPS** | Tamper-Proof Fasteners |

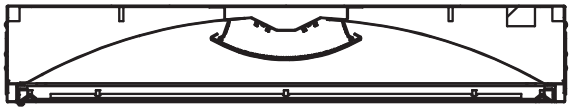
# Dimensions



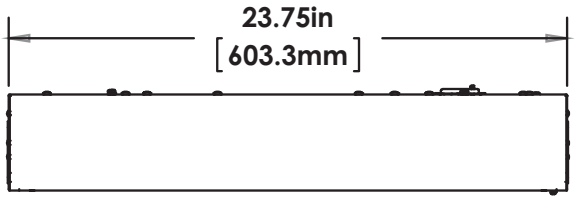

CROSS SECTION



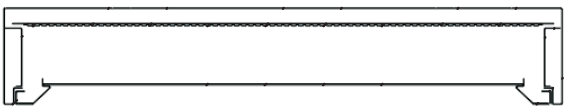

TOP VIEW



CROSS SECTION - AMBIENT




END VIEW



CROSS SECTION - EXAM